Version Description Document

Theater Ballistic Missile Defense (TBMD) Segment

Version 3.0.5.2

(Solaris 2.3 format)

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1.   System Overview

The Theater Ballistic Missile Defense (TBMD) segment is the central user interface for the overall software capability of Theater Ballistic Missile (TBM) launch, detection, tracking, and display.

The software segment is unclassified when initially installed. However, once classified tables required by the TBMD segment are introduced into the system, the segment becomes classified to the same level as the data contained in the tables. The system displays the classification level selected during the operating system load. During operations, the system generally will be classified at the SECRET level.

2.   Referenced Documents

None.

3.   Version Description

3.1   Inventory of Materials Released

Magnetic media: 4mm DAT consisting of the TBMD Version 3.0.5.2 Segment, Solaris 2.3 format, intended for a SPARC workstation running Global Command and Control System (GCCS) 2.2 [Unified Build (UB) 3.0.1.6G].

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3.2   Software Changes

The following software change has been implemented in the TBMD Version 3.0.5.2 segment:

- An error was corrected that caused the TBMD Monitor to crash when receiving extremely out-of-range test data.

4. Installation Instructions

> **WARNING:** Before loading the TBMD Version 3.0.5.2 segment, the system must be correctly loaded with the GCCS 2.2 Runtime Environment.

Perform the following steps to install the TBMD Version 3.0.5.2 segment:

STEP 1: Insert the tape into the drive on the SPARC workstation. Wait for the drive lights to stop flashing.

STEP 2: Type the following commands at the Login window prompt:

`sysadmin` [RETURN]

`<password>` [RETURN]

STEP 3: Select the `Segment Installer` option from the `Software` pull-down menu to load the TBMD Version 3.0.5.2 segment. The `SEGMENT INSTALLER` window appears.

STEP 4: Select the appropriate `MEDIA DEVICE` using the `SELECT MEDIA` button in the `SEGMENT INSTALLER` window and then click the `READ TOC` button.

STEP 5: Highlight the `TBMD 3.0.5.2 Segment` entry in the `TABLE OF CONTENTS` portion of the window and click the `INSTALL` button.

The TBMD Version 3.0.5.2 segment should now be properly installed.

5. Known Problems and Errors

The following problems have been noted in the TBMD Version 3.0.5.2 segment:

- The audio alert functionality of TBMD works with the audio equipment built into the SPARCstation. However, the required audio drivers are not installed with the *End-User* installation of the Solaris 2.3 Operating System. The audio drivers must be installed either by specifying the full installation of Solaris 2.3 or by adding the driver using the Solaris distribution *Update* feature.

- The PLOT function and interface to the Central Database System (CDBS) are not supported in the TBMD Version 3.0.5.2 segment.